

MAIL TO:

STATE OF UTAH
DIVISION OF PURCHASING
3150 STATE OFFICE BUILDING, CAPITOL HILL
P.O. BOX 141061
SALT LAKE CITY, UTAH 84114-1061
TELEPHONE (801) 538-3026
<http://www.purchasing.state.ut.us>

Invitation to BidSolicitation Number: **DG2146**Due Date: **04/23/02 @ 2:00 P.M.**

Date Sent: April 5, 2002

Goods and services to be purchased: **CONSTRUCT NEW SALT STORAGE BLDG. - GREENDALE JUNCTION UTAH****Please complete**

Company Name		Federal Tax Identification Number	
Ordering Address	City	State	Zip Code
Remittance Address (if different from ordering address)	City	State	Zip Code
Type <input type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Proprietorship <input type="checkbox"/> Government	Company Contact Person		
Telephone Number (include area code)	Fax Number (include area code)		
Company's Internet Web Address	Email Address		
Discount Terms (for bid purposes, bid discounts less than 30 days will not be considered)	Days Required for Delivery After Receipt of Order (see attached for any required minimums)		
<p>The following documents are included in this solicitation: Solicitation forms, instructions and general provisions, and specifications. <u>Please review all documents carefully before completing.</u></p> <p>The undersigned certifies that the goods or services offered are produced, mined, grown, manufactured, or performed in Utah. Yes_____ No_____. If no, enter where produced, etc._____</p>			
Offeror's Authorized Representative's Signature		Date	
Type or Print Name		Position or Title	

**STATE OF UTAH
DIVISION OF PURCHASING
GENERAL SERVICES**

Invitation to Bid

Solicitation Number: DG2146

Due Date: 04/23/02

Vendor Name:

Item#	Qty	Unit	Description	Unit Price	Extension
001	1	JOB	<p>CONSTRUCT NEW SALT STORAGE BUILDING GREENDALE UTAH LOCATED AT JUNCTION SR191 & SR 44 AS PER ATTACHED SPECIFICATIONS AND DRAWINGS.</p> <p>YOU MUST BE A CURRENT CONTRACTOR WITHIN THE STATE OF UTAH TO BID THIS PROJECT. PLEASE COMPLETE A CONSTRUCTIONS TRADES LICENSING REQUIREMENTS FORM AND SUBMIT ALONG WITH YOUR BID.</p> <p>A 5% BID BOND WILL BE REQUIRED AT THE TIME OF BID SUBMITTAL. AND A 100% PERFORMANCE/PAYMENT BOND WILL BE REQUIRED OF THE SUCCESSFUL BIDDER. PLEASE COMPLETE A BOND STATEMENT AND SUBMIT ALONG WITH YOUR BID.</p> <p>DELIVER YOUR RESPONSE TO THE DIV. OF PURCHASING, 3150 STATE OFFICE BLDG., SALT LAKE CITY UTAH, ENCLOSED IN A SEALED ENVELOPE WITH THE BID NUMBER AND DUE DATE REFERENCED ON THE OUTSIDE OF THE ENVELOPE. PLEASE ALLOW TIME TO FIND PARKING AND HAVE YOUR RESPONSE TIME-STAMPED BY 2:00 P.M.</p> <p>FAXED RESPONSES WILL BE CONSIDERED NON-RESPONSIVE.</p>	\$	\$

FOR MORE INFORMATION & CLARIFICATIONS PLEASE CONTACT DEBRA BOULTON @ (801) 965-4070.

FOR BID PROCESSING QUESTIONS PLEASE DEBBIE GUNDERSEN @ (801) 538-3150.

REFERENCE RX# 810 25200000022

INVITATION TO BID - INSTRUCTION AND GENERAL PROVISIONS

1. **BID PREPARATION:** (a) All prices and notations must be in ink or typewritten. (b) Price each item separately. Unit price shall be shown and a total price shall be entered for each item bid. (c) Unit price will govern, if there is an error in the extension. (d) Delivery time is critical and must be adhered to as bid. (e) Wherever in this document an item is defined by using a trade name of a manufacturer and/or model number, it is intended that the words, "or approved equal" apply. "Or approved equal" means any other brand that is equal in use, quality, economy and performance to the brand listed as determined by the Division of Purchasing & General Services (DIVISION). If the bidder lists a trade name and/or catalog number in the bid, the DIVISION will assume the item meets the specifications unless the bid clearly states it is an alternate, and describes specifically how it differs from the item specified. **MULTIPLE OR ALTERNATE BIDS WILL NOT BE ACCEPTED UNLESS SO STATED IN THE SPECIFICATIONS.** (f) By signing the bid the bidder certifies that all of the information provided is accurate, and that prices bid are correct. (g) This bid may not be withdrawn for a period of 60 days from bid due date.

2. **SUBMITTING THE BID:** (a) The bid must be signed in ink, sealed in a properly-addressed envelope, and either mailed or delivered to the DIVISION OF PURCHASING, 3150 State Office Building, Capitol Hill, Salt Lake City, UT 84114-1061 by the "Due Date and Time." **The "Bid Number" and "Due Date" must appear on the outside of the envelope.** (b) Bids, modifications, or corrections received after the closing time on the "Due Date" will be considered late and handled in accordance with the Utah Procurement Rules, section R33-3-109. (c) **Your bid will be considered only if it is submitted on the forms provided by the state. Facsimile transmission of bids to DIVISION will not be considered.** (d) All prices quoted must be both F.O.B. Origin per paragraph 1.(c) and F.O.B. Destination. Additional charges including but not limited to delivery, drayage, express, parcel post, packing, cartage, insurance, license fees, permits, costs of bonds, or for any other purpose must be included in the bid for consideration and approval by the DIVISION. Upon award of the contract, the shipping terms will be F.O.B. Destination, Freight Prepaid with freight charges to be added to the invoice unless otherwise specified by the DIVISION. (e) All State purchases are subject to the Utah Procurement Code, Title 63, Chapter 56 Utah Code Annotated 1953, as amended, and the Procurement Rules as adopted by the Utah State Procurement Policy Board (Utah Administrative Code Section R33).

3. **FAILURE TO BID:** Failure to respond may result in the removal of your firm from the bidder's list for the commodity(s) listed, unless you advise DIVISION in writing prior to due date that you desire to receive future invitations to bid on this commodity(s). **Three consecutive no responses will automatically result in removal.**

4. **PROPRIETARY INFORMATION:** Suppliers are required to mark any specific information contained in their bid which is not to be disclosed to the public or used for purposes other than the evaluation of the bid. Each request for nondisclosure must be accompanied by a specific justification explaining why the information is to be protected. Pricing and service elements of any bid will not be considered proprietary. Bids submitted may be reviewed and evaluated by any persons at the discretion of the state.

5. **BONDS:** The state has the right to require a bid bond, payment bond and/or a faithful performance bond from the bidder in an amount not to exceed the amount of the contract.

6. **SAMPLES:** Samples of item(s) specified in this bid, when required by DIVISION, must be furnished free of charge to DIVISION. Any item not destroyed by tests may, upon request made at the time the sample is furnished, be returned at the bidder's expense.

7. **WARRANTY:** The contractor agrees to warrant and assume responsibility for all products (including hardware, firmware, and/or

software products) that it licenses, contracts, or sells to the State of Utah under this contract for a period of one year, unless otherwise specified and mutually agreed upon elsewhere in this contract. The contractor (seller) acknowledges that all warranties granted to the buyer by the Uniform Commercial Code of the State of Utah applies to this contract. Product liability disclaimers and/or warranty disclaimers from the seller are not applicable to this contract unless otherwise specified and mutually agreed upon elsewhere in this contract. In general, the contractor warrants that: (1) the product will do what the salesperson said it would do, (2) the product will live up to all specific claims that the manufacturer makes in their advertisements, (3) the product will be suitable for the ordinary purposes for which such product is used, (4) the product will be suitable for any special purposes that the State has relied on the contractor's skill or judgement to consider when it advised the State about the product, (5) the product has been properly designed and manufactured, and (6) the product is free of significant defects or unusual problems about which the State has not been warned. Remedies available to the State include the following: The contractor will repair or replace (at no charge to the State) the product whose nonconformance is discovered and made known to the contractor in writing. If the repaired and/or replaced product proves to be inadequate, or fails of its essential purpose, the contractor will refund the full amount of any payments that have been made. Nothing in this warranty will be construed to limit any rights or remedies the State of Utah may otherwise have under this contract.

8. **DIVISION APPROVAL:** Purchase orders placed, or contracts written, with the state of Utah, as a result of this bid, will not be legally binding without the written approval of the director of the DIVISION.

9. **AWARD OF CONTRACT:** (a) the contract will to be awarded with reasonable promptness, by written notice, to the lowest responsible bidder that meets the specifications. Consideration will be given to the quality of the product(s) to be supplied, conformity to the specifications, the purpose for which required, delivery time required, discount terms and other criteria set forth in this invitation to bid. (b) The bids are opened publicly in the presence of one or more witnesses. the name of each bidder, and the amount of the bid is recorded. Each bid, and the record, is open to public inspection. (c) The DIVISION may accept any item or group of items, or overall low bid. the DIVISION has the right to cancel this invitation to bid at any time prior to the award of contract. (d) The DIVISION can reject any and all bids. And it can waive any informality, or technicality in any bid received, if the DIVISION believes it would serve the best interest of the State. (e) Before, or after, the award of a contract the DIVISION has the right to inspect the bidder's premises and all business records to determine the holder's ability to meet contract requirements. (f) DIVISION does not guarantee to make any purchase under awarded contract(s). Estimated quantities are for bidding purposes only, and not to be interpreted as a guarantee to purchase any amount. (g) Utah has a reciprocal preference law which will be applied against bidders bidding products or services produced in states which discriminate against Utah products. For details see Section 63-56 20.5 -20.6, Utah Code Annotated.

10. **ANTI-DISCRIMINATION ACT:** The bidder agrees to abide by the provisions of the Utah Anti-discrimination Act, Title 34 Chapter 35, U.C.A. 1953, as amended, and Title VI and Title VII of the Civil Rights Act of 1964 (42 USC 2000e), which prohibit discrimination against any employee or applicant for employment, or any applicant or recipient of services, on the basis of race, religion, color, or national origin; and further agrees to abide by Executive Order No. 11246, as amended, which prohibits discrimination on the basis of sex; 45 CFR 90 which prohibits discrimination on the basis of age, and Section 504 of the Rehabilitation Act of 1973 or the Americans with Disabilities Act of 1990, which prohibits discrimination on the basis of disabilities. Also bidder agrees to abide by Utah's Executive Order, dated March 17, 1993, which prohibits sexual harassment in the workplace. Vendor must include this provision in every subcontract or purchase order relating to purchases by the State of Utah to insure that the subcontractors and vendors are bound by this provision.

revision date: 2/14/2000

STATE OF UTAH
DEPARTMENT OF TRANSPORTATION
FACILITIES MAINTENANCE

NEW SALT STORAGE BUILDING
GREENDALE JUNCTION, UTAH
UDOT JOB NUMBER 81L23701

PROJECT DESCRIPTION

This project consists of the construction of a new salt storage facility on the existing UDOT property at Greendale Junction, Utah per this description and the attached drawings and specification. The site is located at the junction of SR-191 and SR-44 in Daggett County, Utah.

The scope of work includes construction of a complete building as shown in the attached drawings. The Owner has staked the location of the building, rough excavated for the foundation and set the floor elevation. The contractor will be responsible to verify all existing conditions prior to the bid. Additional earthwork required shall be coordinated with the Owner. The contractor will be responsible for construction of the building as shown in the drawings and described in the specifications. The Owner will be responsible for backfilling, floor preparation, asphalt and electrical connection to the building. Except for the asphalt, the contractor shall be responsible for all construction within the building footprint.

It is recommended that potential bidders visit the site. Visits can be arranged through Kirby Anderson, Station supervisor, phone number (435) 789-2333. Questions during the bid period can be addressed to William E. Juscak, phone number (801) 964-4522. All questions will be required to be submitted by one week before the bid date.

STATE OF UTAH
DEPARTMENT OF TRANSPORTATION
FACILITIES MANAGEMENT

SPECIFICATION FOR SALT STORAGE BUILDING
CASTLE GATE, UTAH

20 March 2002

GENERAL SPECIFICATIONS

BID

BIDDER _____

Submit Utah *INVITATION TO BID* with all required information.

For the work shown on the Drawings, described in the Specifications and Contract Documents and as described herein, I/we agree to perform the all of the work indicated for the sum of:

_____ Dollars(\$_____)
(In case of discrepancy, written amount shall govern)

TIME OF COMPLETION AND DELAY REMEDY

The project shall be substantially complete by June 15, 2002. Contractor agrees to pay liquidated damages in the amount of \$100 per day for each day after the expiration of the Contract Time until the Contractor achieves Substantial Completion.

PAYMENT

Payment will be made when the project is complete and approved by the Owner.

For prompt payment, mail invoice to: William E. Juszczak
Facilities Manager
UDOT Maintenance Division
Box 148250
Salt Lake City, Utah 84114-8250

BID BOND

A 5% bid bond or cashier's check must be included with the bid.

Specifications - Salt Storage

PERFORMANCE AND PAYMENT BOND

At the time of the execution of the contract, the contractor shall provide a performance and payment bond for 100% of the total purchase price of the contract guaranteeing performance, product and payment. (A cashiers check for the above amount may be substituted for the performance and payment bonds.)

WORKERS COMPENSATION

The contractor will be required to furnish proof that all employees involved in this project are covered by Workmen's Compensation. The State will not be liable for injuries incurred during this project.

INSURANCE

Before contract award, successful bidder must provide a certificate of insurance certifying that the contractor will provide and maintain a policy of insurance in which the Department of Transportation is named as an additional insured. Coverage shall be in the following amounts:

1. \$250,000 for bodily injury
2. \$500,000 for each accident occurrence
3. \$100,000 for property damage

If the contractor cannot obtain this insurance, the contractor shall provide a policy with a minimum coverage of \$1,000,000 in the aggregate.

The certificate must also state that no cancellation or decrease in coverage shall be made without giving the State at least 30 days prior written notice.

MATERIALS

Material furnished to the State of Utah shall be certified as new and must meet all current State and Federal applicable building codes and safety regulations.

Bids shall include all materials and equipment necessary for complete finished construction.

MATERIAL TESTING

Contractor shall provide all material testing as required by the current adopted edition of the Uniform Building Code (UBC).

Specifications - Salt Storage

SPECIAL INSPECTION

Contractor shall provide special inspection per UBC requirements for concrete, asphalt, high-strength bolting and for any other materials, etc. as required by the current adopted edition of the UBC.

WARRANTY

Contractor shall provide a general written one year warranty for the replacement of all defective materials, including labor that are used in this project.

DETAIL SPECIFICATIONS

LOCATION

The building is to be constructed on UDOT owned property located Greendale Junction, Utah. The property is located at the junction of SR-191 and SR-44 in Daggett County, Utah.

DIMENSIONS

See the attached floor plans for building plan dimensions.

DESIGN LOADS

Building design loads shall be as follows:

Roof UL90 for wind load and 45 lb./ sq. ft. snow load.
Wind 70 mph, exposure "C"
Seismic Zone 3
Floor 800 lb/sq ft.

SITE WORK

All site work will be done by the Owner. Contractor shall coordinate with the Owner.

CAST-IN-PLACE CONCRETE

Comply with latest editions of ASTM C 94; ACI 301, "Specifications for Structural Concrete for Buildings"; ACI 318, "Building Code Requirements for Structural Concrete"; and CRSI's "Manual of Standard Practice."

Engage a qualified independent testing agency to design concrete mixes.
Forms for Unexposed Finished Concrete: Plywood, lumber or metal.

Specifications - Salt Storage

Deformed Reinforcing Bars: ASTM A 615, Grade 60 (ASTM A 615M, Grade 420).

Portland Cement: ASTM C 150, Type 1.

Aggregates: ASTM C 33, Class 4S.

Air-Entraining Admixture: ASTM C 260.

Chemical Admixtures: ASTM C 494

Liquid Membrane-Forming Curing Compound: ASTM C 309, clear, Type I, Class B, waterborne.

MIXES

Proportion normal-weight concrete mixes to provide the following properties:

- (1) Compressive Strength: 3000 psi (20.7 Mpa) for footings at 28 days.
- (2) Slump Limit: 4 inches (100 mm) at point of placement.
- (3) Water-Cement Ratio: 0.50 maximum at point of placement.
- (4) Air Content: 2 to 4 percent.

EXECUTION

CONCRETING

Construct formwork and maintain tolerances and surface irregularities within ACI 347 limits of Class A for concrete exposed to view and Class C for other concrete surfaces.

Accurately position, support, and secure reinforcement.

Place concrete in a continuous operation and consolidate using mechanical vibrating equipment.

Protect concrete from physical damage or reduced strength due to weather extremes during mixing, placing, and curing.

Contractor will engage a testing agency to perform tests and to submit test reports.

Protect concrete from damage.

Specifications - Salt Storage

PRECAST INTERLOCKING CONCRETE BLOCKS

GENERAL

SECTION REQUIREMENTS

Submit Product Data

PRODUCTS

Blocks shall be precast, interlocking concrete blocks. Blocks shall be full size, 2'-6"x2'-6"x5'-0" or half size, 2'-6"x2'-6"x2'-6". Blocks shall have interlocking tabs, except for top row. Top row shall be flat top.

Blocks shall fit snugly together and interlock to form a stable structure.

Blocks shall have ½" chamfered corners.

Blocks can be made of left-over, returned or similar concrete.

Blocks shall have one seven strand steel loop in center top for lifting, except for flat top blocks.

Blocks shall have one full face without large blemishes (Standard Grade).

EXECUTION

Place blocks per manufacturer's recommendations.

Top of wall shall be acceptable to fabric covered truss manufacturer.

SPECIAL COATINGS

GENERAL

Inside face of concrete block wall shall be coated with this material.

SECTION REQUIREMENTS

Submit Product Data.

5 year warranty.

Specifications - Salt Storage

PRODUCTS

Two component, high performance polyamide-epoxy coating system.

Manufacturer's recommended factory-formulated bond coat materials.

Manufacturer's recommended factory-formulated primers/sealers.

EXECUTION

PREPARATION

Before applying coatings or other surface treatments, clean the substrates of substances that could impair the bond of the various coatings. Clean and prepare surfaces to be coated according to the manufacturer's instructions for each particular substrate condition.

APPLICATION

Apply special coating material according to ASTM C 1127 and manufacturer's recommendation.

Provide two coats over a primer coat with a total dry film thickness of 15 mils.

SPECIAL CONSTRUCTION - FABRIC ARCH SYSTEM

GENERAL

SECTION REQUIREMENTS

Engineer, design, fabricate and erect a complete single span, truss arch fabric covered steel framed building system to withstand loads from winds, gravity, structural movement including movement thermally induced, and to resist in-service use conditions that the building will experience, including exposure to the weather, without failure. System to include 1 end wall assembly.

Submit Product Data and Shop Drawings.

Warranty fabric for fifteen years. Warranty entire system for five years.

PRODUCTS

Product shall be by Cover-All or approved equal. Bidders shall submit product literature with bid for review.

Specifications - Salt Storage

MATERIALS

Steel tubing cross members and back wall framing members shall comply with ASTM 500, Grade B, ASTM A501 or ASTM A53. Provide triple coat exterior finish with interior corrosion resistance coating.

Steel members fabricated from plate or bar stock shall be 42 ksi minimum yield strength and comply with ASTM A529, ASTM A570, or ASTM A572.

Bolts shall be ASTM A307 or A325.

Fabric cover shall be woven high density polyethylene tape with double stack weave, finish coated both sides.

Cover fastening system shall be compatible with cover fabric and include zero stretch belting, welded fabric pockets and 10,000 lb capacity lashing winches.

FABRICATION

Fabricate components in such a manner that once assembled, they may be disassembled, repackaged and reassembled with a minimum amount of labor.

Shop-fabricate framing components to indicated size and section with base plates, bearing plates, and other plates required for erection, welded in place. Provide holes for anchoring or connections shop-drilled or punched to template dimensions.

ERECTION

Framing: Erect framing true to line, level, plumb, rigid, and secure. Level base plates to a true even plane with full bearing to supporting structures, set with galvanized anchor bolts.

Provide diagonal rod or angle bracing in roof and sidewalls as indicated. Movement-resisting frames may be used in lieu of sidewall rod bracing, to suit manufacturer's standards

Provide shapes of proper design and size to reinforce openings and to carry loads and vibrations imposed, including equipment furnished under mechanical and electrical work. Securely attach to building structural frame.

Arrange and nest any lap joints so prevailing winds blow over, not into, lapped joints. Apply fabric and associated fastening system for neat and weather tight enclosure. Protect factory finishes from damage.

Specifications - Salt Storage

Install louvers and any accessories in accordance with manufacturer's recommendations for positive anchorage to building and weather tight mounting.

ELECTRICAL

GENERAL

SECTION REQUIREMENTS

PRODUCTS

Provide and install the following; one 100 amp panel mounted on the interior of the building with 6, 20 amp breakers; 3 Lithonia fixtures, catalog # TX400S A26-120-SF-CRT-LCPP-PPH or equal, equally spaced mounted inside at top of arch.

EXECUTION

Installation shall be per latest edition of the NEC.

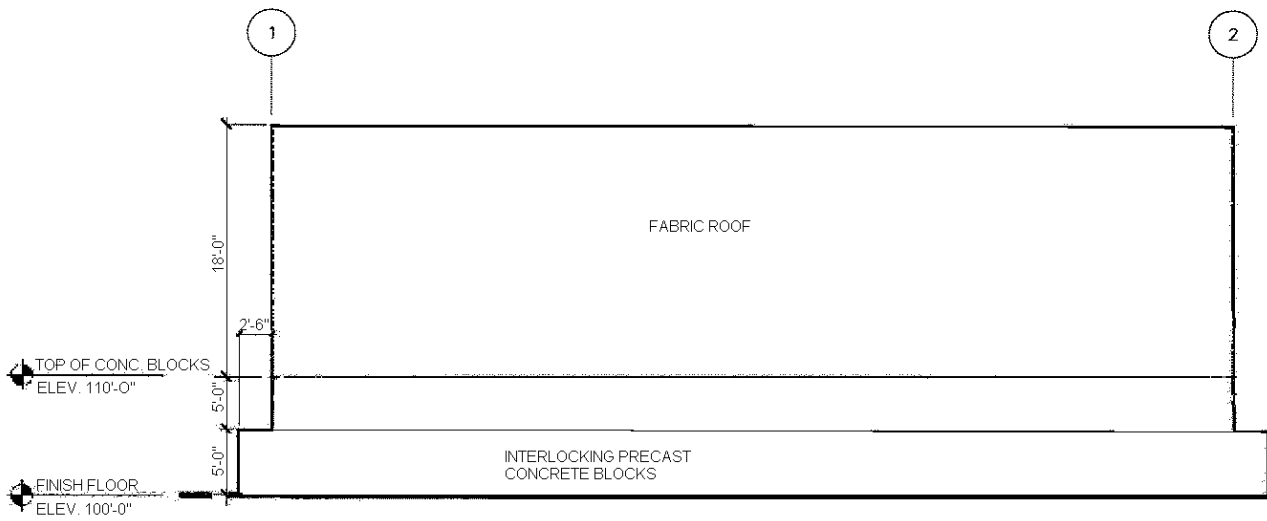
Installation shall be complete from the panel, including riser to panel. Installation shall include all conduit, boxes, fixtures, switches, etc for a complete installation.

Specifications - Salt Storage

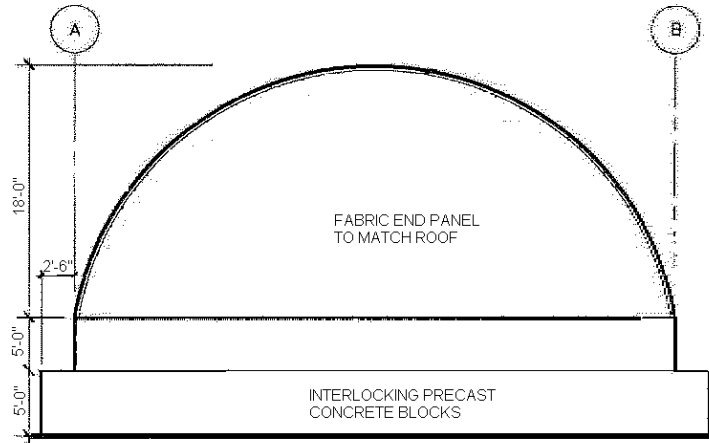


Specifications - Salt Storage

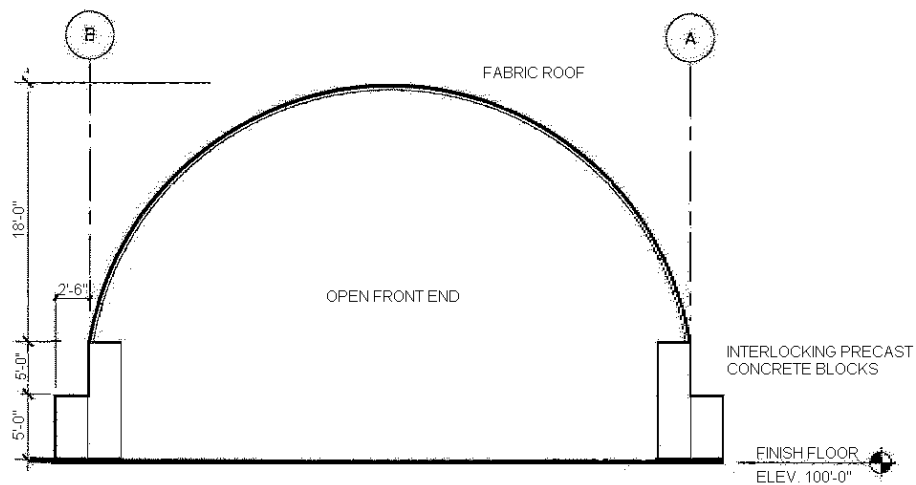




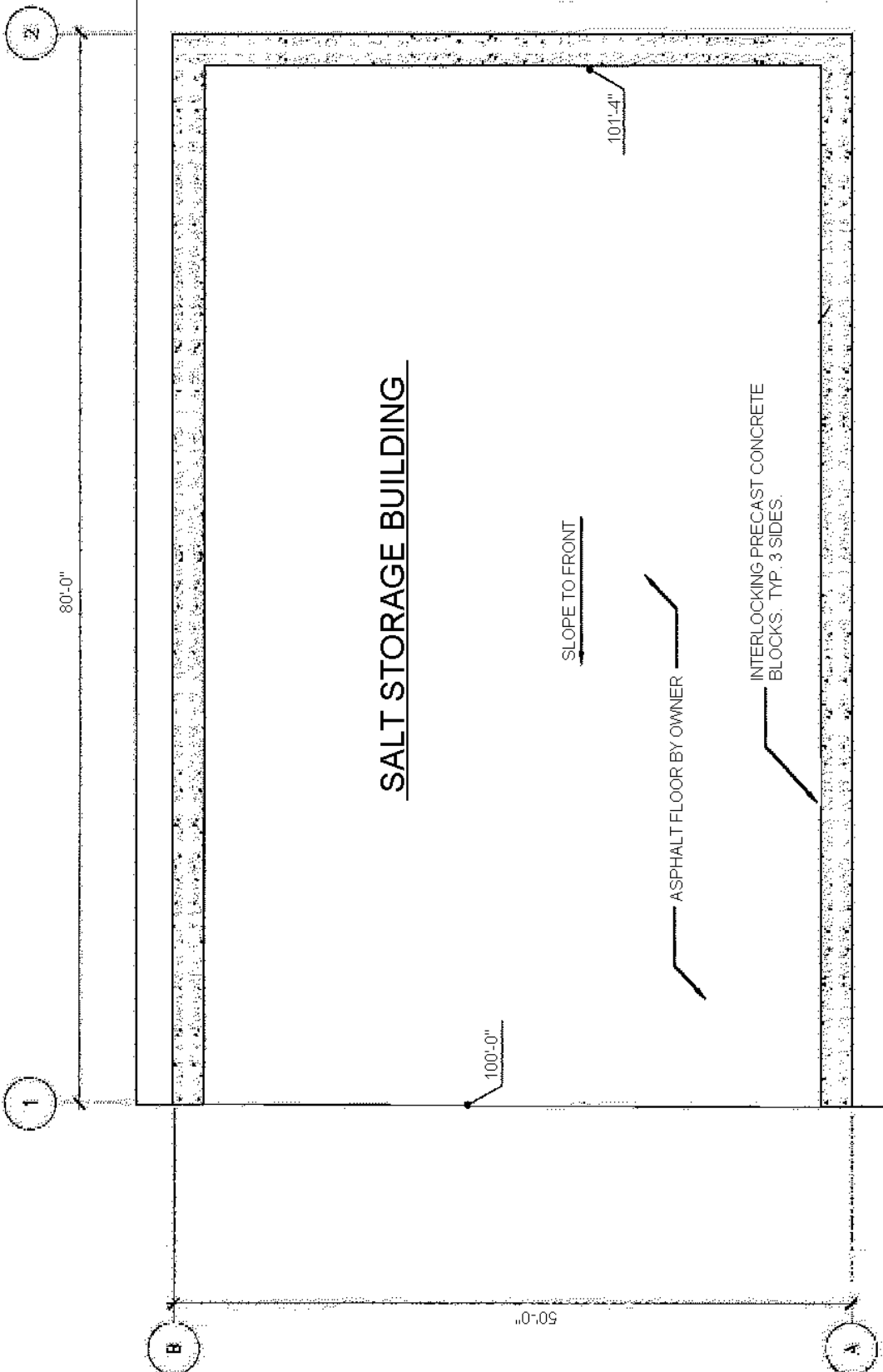
SIDE ELEVATION



REAR ELEVATION



FRONT ELEVATION



FLOOR PLAN

**STATE OF UTAH
DIVISION OF PURCHASING**

BOND STATEMENT

BIDDING REQUIREMENTS

A 5% bid bond or cashier's check is required by all vendors bidding on this project. The bid bond must be attached to bid or it will be disqualified. Checks submitted will be returned certified mail after an official award has been made.

AWARD REQUIREMENTS

A 100% performance/payment bond will be required from the award vendor within 14 days after notification of award. Bonds must be in the form of a cashiers checks (no personal or business checks) or a surety bond from a licensed surety company doing business in the State of Utah.

Performance/payment bonds (or checks) will be **held as security for a period of 12 months after completion of project, per state law.** Checks submitted will be returned certified mail only after this specified time. Bidders name must be the same on both the bid forms and all bonds submitted.

Please indicate which method of bonding will be used if awarded this job:

_____ 100% CASHIERS CHECK

_____ 100% PERFORMANCE/PAYMENT BOND

Bond/Ins. Company_____

Agent Name_____

Fax #_____ Phone #_____

Upon awarding, the requesting agency will fax a verification to the bonding company listed above to start the bonding process. It is then the responsibility of the vendor or follow through with their bonding agent to assure the bond is processed. After the bonding company sends the bond to vendor for signatures, it is the responsibility of the vendor to mail or hand carry the original bond (no copies or faxes accepted) to the requesting agency, to the attention of the contract person listed on the bid. **No work can commence until the requesting agency has receipt of this performance/payment bond.** After this time the contract will be officially released to the award vendor.

CONSTRUCTION TRADES LICENSING REQUIREMENTS

The State of Utah requires any person engaging in a construction trade or acting as, or representing oneself as a contractor in a construction trade for which licensure is required be **licensed before engaging in that trade or contracting activity. It is unlawful for any unlicensed person to submit a bid for any work for which a license is required.** Any person who violates this provision **can not be awarded or accept a contract** for the performance of the work (1993 Utah Code Unannotated 58-55-2(32)(a), 58-55-2(32)(h), 58-55-4(1)(a), 58-55-13(1)).

Definitions

"Construction Trade" means any trade or occupation involving construction, alteration, remodeling, repairing, wrecking or demolition, addition to, or improvement of any building, highway, road, railroad, dam, bridge, structure, excavation or other project, development, or improvement to other than personal property (1993 UCU 58-55-2(5)).

"Contractor" means any person, firm, partnership, corporation, association, or other organization ... [that] undertakes any work in the construction, plumbing, or electrical trade for which licensure is required... (1993 UCU 58-55-2(6)).

Licensed Classifications (See Reverse. List the appropriate contractor license number, classification title, primary or secondary classification number, aggregate dollar limit and license expiration date **OR** attach a copy of the license. If you plan to utilize subcontractors, they must also be licensed and the same information provided or copy(ies) of license(s) attached:

Prime Contractor

<u>License Number</u>	<u>Expiration Date</u>	<u>Class Title</u>	<u>Class Number</u>	<u>Dollar Limit</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Sub-Contractor(s)

<u>License Number</u>	<u>Expiration Date</u>	<u>Class Title</u>	<u>Class Number</u>	<u>Dollar Limit</u>
Name: _____	_____	_____	_____	_____
Name: _____	_____	_____	_____	_____
Name: _____	_____	_____	_____	_____

CONTRACTOR LICENSE CLASSIFICATIONS

Primary Classification Number	Subclassification Number	Title
E100		General Engineering Contractor
B100		General Building Contractor
R100	R101	Residential and Small Commercial Contractor
		Residential and Small Commercial - Nonstructural Remodeling and Repair Contractor
R200		Factory Built Housing Set-up Contractor
S200	S201	General Electrical Contractor
		Residential Electrical Contractor
S210	S211*	General Plumbing Contractor
		Boiler Installation Contractor
		Irrigation Sprinkling Contractor
		Industrial Piping Contractor
S215	S214*	Water Conditioning Equipment Contractor
		Solar Energy Systems Contractor
S216		Residential Sewer Connection & Septic Tank Contractor
S220	S221*	Carpentry Contractor
		Cabinet and Millwork Installation Contractor
S230	S231*	Metal and Vinyl Siding Contractor
		Rainwater Installation Contractor
S240		Glass and Glazing Contractor
S250		Insulation Contractor
S260	S261*	General Concrete Contractor
		Concrete Form Setting and Shoring Contractor
		Gunite and Pressure Grouting Contractor
S270	S271*	General Drywall, Stucco and Plastering Contractor
		Plastering Stucco Contractor
		Ceiling Grid Systems, Ceiling Tile and Light-weight Metal and Non-bearing Wall Partitions Contractor
S280	S281*	General Roofing Contractor
		Single Ply and Specialty Coating Contractor
		Build-up Roofing Contractor
		Shingle and Shake Roofing Contractor
		Tile Roofing Contractor
	S285*	Metal Roofing Contractor
S290	S291*	General Masonry Contractor
		Stone Masonry Contractor
		Terrazzo Contractor
		Marble, Tile and Ceramic Contractor
S300		General Painting Contractor
S310		Excavation and Grading Contractor
S320	S321	Steel Erection Contractor
		Steel Reinforcing Contractor
		Metal Building Erection Contractor
		Structural Stud Erection Contractor
S330		Landscaping Contractor
S340		Sheet Metal Contractor
S350	S351	HVAC Contractor
		Refrigerated Air Conditioning Contractor
		Evaporative Cooling Contractor
		Warm Air Heating Contractor
S360		Refrigeration Contractor
S370		Fire Suppression Systems Contractor
S380		Swimming Pool and Spa Contractor
S390		Sewer and Water Pipeline Contractor
S400*		Asphalt Paving Contractor
S410		Pipeline and Conduit Contractor
S420*	S421*	General Fencing and Guardrail Contractor
		Residential Fencing Contractor
S430*		Metal Firebox and Fuel Burning Stove Installation
S440	S441*	Sign Installation Contractor
		Non-Electrical Outdoor Advertising Sign Contractor
S450		Mechanical Insulation Contractor
S460*		Wrecking and Demolition Contractor
S470*		Petroleum System Contractor
S480*		Piers and Foundations Contractor

*No Trade Examination is required. All applicants must take and pass the Utah Business and Law examination if not previously taken and passed.